

## 測試報告

## Test Report

號碼(No.) : CT/2018/31435

日期(Date) : 2018/04/10

頁數(Page) : 1 of 7

巨碩精密科技有限公司

GSHORE TECHNOLOG CO., LTD.

台中市大里區國中一路25巷25巷12號

NO. 12, ALLEY 25 LANE 25 GUO CHUNG 1 RD., DALI DISTRICT, 41263 TAICHUNG CITY TAIWAN R.O.C.



以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as) :

送樣廠商(Sample Submitted By) : 巨碩精密科技有限公司 (GSHORE TECHNOLOG CO., LTD.)  
樣品名稱(Sample Description) : PET FOOD CONTAINER (PET 餐具)  
樣品型號(Style/Item No) : -  
樣品批號(Lot No.) : -  
樣品材質(Sample Material) : PET  
製造日期(Manufacturing Date) : -  
耐熱溫度(Thermal Resistance Temperature) : 150°C  
生產或供應廠商(Manufacturer/Vendor) : 巨碩精密科技有限公司 (GSHORE TECHNOLOG CO., LTD.)  
原產國(Country of Origin) : 台灣 (TAIWAN)  
收件日期(Sample Receiving Date) : 2018/03/28  
測試期間(Testing Period) : 2018/03/28 TO 2018/04/10

### 測試需求(Test Requested) :

- (1) 依據客戶指定, 參考中華民國食品器具容器包裝衛生標準 (102.08.20部授食字第1021350146號令修正)進行測試. 測試項目請參閱測試結果表格. / As specified by client, with reference to Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1021350146 was amended on 2013/08/20) to conduct test. Please refer to result table for testing item(s).
- (2) 依據客戶指定, 參考中華民國食品安全衛生管理法(103.12.10)第26條進行測試. 測試項目請參閱測試結果表格. / As specified by client, with reference to Act Governing Food Sanitation Article 26 (amended and promulgated on Dec. 10, 2014) to conduct test. Please refer to result table for testing item(s).
- (3) 依據客戶要求進行測試, 測試項目請參閱測試結果表格. / The test was specified by client, please refer to result table for testing item(s).

測試結果(Test Results) : 請參閱下一頁 (Please refer to following pages).

  
Signed for and on behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory - Taipei



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### 測試結果(Test Results)

測試部位(PART NAME)No. 1 : PET杯 (PET CUP)

測試部位(PART NAME)No. 2 : PET杯 (PET CUP)

(1)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	LOQ	結果 (Result)		限值 (Limit)
				No. 1	No. 2	
鉛 / Lead (Pb)	ppm	依據食品器具、容器、包裝檢驗方法-聚對苯二甲酸乙二酯(PET)塑膠類之檢驗(MOHWU0006.02, 104年10月29日部授食字第1041901950號公告), 以ICP-AES分析。 / According to Sanitation Standard for Food Utensils, Containers and Packages - Polyethylene Terephthalate (PET) Plastic Products (MOHWU0006.02, MOHW Food No. 1041901950 announced, October 29, 2015). Analysis was performance by ICP-AES.	5	n. d.	---	100
鎘 / Cadmium (Cd)	ppm	依據食品器具、容器、包裝檢驗方法-聚對苯二甲酸乙二酯(PET)塑膠類之檢驗(MOHWU0006.02, MOHW Food No. 1041901950 announced, October 29, 2015). Analysis was performance by ICP-AES.	0.5	n. d.	---	100
銻-(4%醋酸, 95°C, 30分鐘) / Antimony (Sb)-(4% acetic acid, 95°C, 30 min)	ppm	依據食品器具、容器、包裝檢驗方法-聚對苯二甲酸乙二酯(PET)塑膠類之檢驗(MOHWU0006.02, 104年10月29日部授食字第1041901950號公告). / According to Sanitation Standard for Food Utensils,	0.001	n. d.	---	0.05
鍺-(4%醋酸, 95°C, 30分鐘) / Germanium (Ge)-(4% acetic acid, 95°C, 30 min)	ppm	Containers and Packages - Polyethylene Terephthalate (PET) Plastic Products (MOHWU0006.02, MOHW Food No. 1041901950 announced, October 29, 2015).	0.001	n. d.	---	0.1

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(1)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	LOQ	結果 (Result)		限值 (Limit)
				No. 1	No. 2	
鄰苯二甲酸二(2-乙基己基)酯 (正庚烷, 25°C, 1小時) / DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7) (n-Heptane, 25°C, 1 hr)	ppm	依據食品器具、容器、包裝檢驗方法-塑膠類之檢驗(102年11月13日部授食字第1021950607號公告), 以氣相層析/質譜儀檢測。 / According to Sanitation Standard for Food Utensils, Containers and Packages - Plastics (MOHW Food No. 1021950607 announced, November 13, 2013). Analysis was performed by GC/MS.	0.05	n. d.	---	1.5
鄰苯二甲酸二丁酯 (正庚烷, 25°C, 1小時) / DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2) (n-Heptane, 25°C, 1 hr)	ppm		0.05	n. d.	---	0.3
鄰苯二甲酸丁苄甲酯 (正庚烷, 25°C, 1小時) / BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7) (n-Heptane, 25°C, 1 hr)	ppm		0.05	n. d.	---	30
鄰苯二甲酸二異癸酯 (正庚烷, 25°C, 1小時) / DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1) (n-Heptane, 25°C, 1 hr)	ppm		0.5	n. d.	---	9
鄰苯二甲酸二異壬酯 (正庚烷, 25°C, 1小時) / DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0) (n-Heptane, 25°C, 1 hr)	ppm		0.5	n. d.	---	9
己二酸二(2-乙基己基)酯 (正庚烷, 25°C, 1小時) / DEHA (Di-2-ethylhexyl Adipate) (CAS No.: 103-23-1) (n-Heptane, 25°C, 1 hr)	ppm		0.05	n. d.	---	18

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(2)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	LOQ	結果 (Result)		限值 (Limit)
				No. 1	No. 2	
耐熱性試驗 / Heat Tolerance (150°C, 1 hr)	-	依據塑膠類食品器具容器包裝之耐熱溫度標示符合性試驗方法 (MOHWU0023.02, 106年11月13日衛授食字第1061902219號公告). / According to Methods of Test for Labeling Conformance of Heat Tolerance of Plastic Food Utensils, Containers and Packages (MOHWU0023.02, MOHW Food No. 1061902219 announced, November 13, 2017).	-	---	無變形, 顏色無變化 / No appearance change	無變形, 顏色無變化 / No appearance change

(3)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	LOQ	結果 (Result)		限值 (Limit)
				No. 1	No. 2	
雙酚A / Bisphenol A (▲)	ppb	依據食品器具、容器、包裝建議檢驗方法-塑膠類嬰兒奶瓶中雙酚A之檢驗方法(106年1月6日 TFDAU0005.01), 以高效液相層析串聯質譜儀分析. / According to Sanitation Standard for Food Utensils, Containers and Packages - Plastic Infant Feeding Bottles (TFDAU0005.01, January 6, 2017). Analysis was performed by HPLC/MS/MS.	20	n. d.	---	-

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(3)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	LOQ	結果 (Result)		限值 (Limit)
				No. 1	No. 2	
甲醛-(水, 95°C, 30分鐘) / Formaldehyde-(water, 95°C, 30 min)	ppm	依據食品器具、容器、包裝檢驗方法-以甲醛-三聚氰胺為合成原料之塑膠檢驗(102年11月13日部授食字第1021950916號公告), 以分光光度計檢測。 / According to Sanitation Standard for Food Utensils, Containers and Packages - Plastics with formaldehyde-melamine as raw material for synthesis (MOHW Food No. 1021950916 announced, November 13, 2013). Analysis was performed by UV/Vis spectrophotometer.	4	Negative	---	-
三聚氰胺-(4%醋酸, 95°C, 30分鐘) / Melamine-(4% acetic acid, 95°C, 30 min)	ppm	依據食品器具、容器、包裝檢驗方法-以甲醛-三聚氰胺為合成原料之塑膠檢驗(102年11月13日部授食字第1021950916號公告), 以高效能液相層析儀/二極體陣列偵測器(HPLC/DAD)分析。 / According to Sanitation Standard for Food Utensils, Containers and Packages - Plastics with formaldehyde-melamine as raw material for synthesis (MOHW Food No. 1021950916 announced, November 13, 2013). Analysis was performance by HPLC/DAD.	0.5	n. d.	---	-

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### 備註(Note) :

1. 0.1wt% = 1000ppm
2. LOQ = Limit of Quantification (定量極限) ;
3. n.d. = Not Detected (未檢出) = 小於 (less than) LOQ
4. (▲):此項目轉包予台灣檢驗科技股份有限公司化學實驗室-高雄進行測試. / This testing item was subcontracted to SGS Taiwan Limited - Kaohsiung Central Chemical Laboratory.
5. "-" = Not Regulated (無規格值)
6. Negative = Undetectable (未檢出); Positive = Detectable (檢出)
7. "---" = Not Conducted (未測項目)
8. 測試報告僅就委託測試者之委託事項提供測試結果，至若本產品之合法性，仍應由主管機關依法判斷。(The test report is the test result issued by the testing institutions as requested by the consignor. Regarding to the legitimacy of the product, it shall be determined by the authorities according to the law.)

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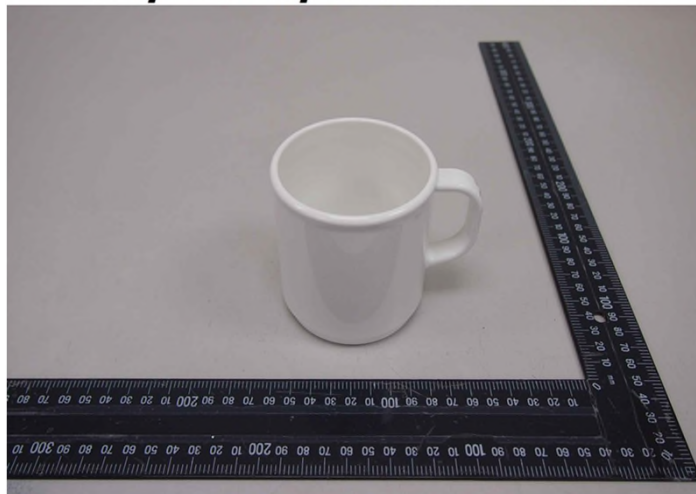


\* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。 \*  
(The tested sample / part is marked by an arrow if it's shown on the photo.)

### CT/2018/31435 NO.1



### CT/2018/31435 NO.2



\*\* 報告結尾 (End of Report) \*\*

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